

GROUNDWATER

WASTE REDUCTION & DISPOSAL DIVISION

Monitoring Program (Micro Purge)

Mandated program designed to monitor groundwater impacts due to the natural decomposition of solid waste. Order materials two weeks prior to sampling Calibrate and test #3 Pick up prepared Load support vehicle sample bottles from lab Groundwater with cylinder gas, micropurge field and verify bottles match hoses, regulators, equipment daily during bottle order form. forms, etc. as required. sampling event. Vehicle proceeds to site. Prior to purging well, record depth to water Specific Conductivity, pH, Temperature, Dissolved Oxygen, and Oxygen Reduction Potential (ORP) Record and compare field recorded. measurements against micropurge criteria. Water level in well should Label sample, remain between 0.5 feet and Three consecutive annotate chain-of 1.5 feet of initial DTW readings within Yes custody, and store reading to maintain optimal icropurge parameters sample in ice chest well conditions. No Decontaminate test equipment Continue to purge and #8 sample wate.r Discharge purge water per site (#11 permit Proceed to next well or transport amples to lab at the end of the day Process Map Number GW-1.2 (Rev 2) Effective Date: July 1, 2007 Item Number